

1 20. (New) An arrangement of a sensor and optics comprising:
2 a two-dimensional array of photosensors; and
3 a lens system for providing a focus for imaging by said array,
4 said lens system having a characteristic of optically introducing curvilinear
5 distortion of an image to said array;
6 said array having a curvilinear shape to achieve compensation
7 of said curvilinear distortion, including having a plurality of arcuate outer
8 edges to establish said compensation, said photosensors being varied
9 dimensionally to define said curvilinear shape, said curvilinear shape being
10 aligned relative to said curvilinear distortion to introduce a physical distortion
11 that offsets said optically introduced curvilinear distortion.

1 21. (New) The arrangement of claim 20 wherein said photosensors are
2 disposed in a plurality of columns and a plurality of rows and wherein said
3 photosensors combine to define an optical axis for said array, adjacent
4 columns being spaced apart by an arcuate boundary, with radii of curvature of
5 said arcuate boundaries increasing with departure from said optical axis.

1 22. (New) The arrangement of claim 21 wherein adjacent rows are spaced
2 apart by second arcuate boundaries, with radii of curvature of said second
3 arcuate boundaries increasing with departure from said optical axis.